

Appln No. 10/760,244
Amdt. Dated April 26, 2006
Response to Notice dated April 18, 2006

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A printer cartridge for an inkjet printer including:
 - an ink storage reservoir at least partially defined by a collapsible membrane for sealed storage of ink;
 - a printhead in sealed fluid communication with said ink storage reservoir;
 - a refill port in communication with the ink storage reservoir and arranged to receive refill ink for replenishing the ink storage reservoir; and
 - an integrated circuit assembly arranged to store information relating to the properties of at least one of the refill ink and the ink stored in the ink storage reservoir.
2. (Original) A printer cartridge according to claim 1, wherein the information relating to the properties of the refill ink or the ink stored in the ink storage reservoir includes any of:
 - the amount of ink remaining in the ink storage reservoir;
 - the origin of the refill ink;
 - the rheological properties of the refill ink; and
 - the color of the refill ink.
3. (Original) A printer cartridge according to claim 1, wherein the integrated circuit assembly includes an electrical contact mounted upon the inkjet printer for connection with an integrated circuit of a refill cartridge containing the refill ink.
4. (Original) A printer cartridge according to claim 1, wherein the printhead is a pagewidth printhead.

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5. (Original) A method for maintaining the authenticity of an ink supply of an inkjet printer of a type including a removable printer cartridge containing an ink storage means in communication with a pagewidth printhead, the method including the steps of:

providing an ink refill cartridge including an intergrated circuit assembly that stores information relating to the properties of the refill ink;

connecting the ink refill cartridge to the printer cartridge; and

performing a test to compare the properties of the refill ink with the properties of the ink stored in the ink storage means.